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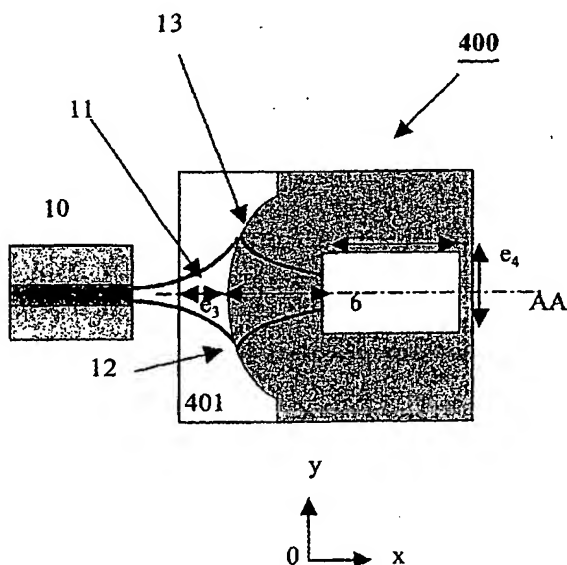
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[Continued on next page]

(54) Title: MONOLITHIC OPTICAL COMPONENT



(57) **Abstract:** The present invention relates to a monolithic optical component (400) comprising a light-absorbing layer and a waveguide structure (2). The invention is more particularly adapted to a monolithic component (400) comprising an evanescent coupling photodiode (6) integrated with the waveguide (2). The monolithic optical component (400) comprises a light-absorbing layer and a waveguide (2) evanescently coupled with the light-absorbing layer, the waveguide (2) having one end coupled to an input face (12) of the component to receive an input wave, the 10 component (400) being characterized in that the input face is convex.

WO 2004/025357 A2



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